

### ABSTRACT

A method of visualizing the impact of security flaws or breaches in a network. A 3-D visualization tool that simulates 3-D space on a monitor interfaces with a security database which relationally associates security events with the network elements affected thereby.

- 5 The security events are visually depicted in a first section of simulated 3-D space and the network elements are depicted in a second section of simulated 3-D space. Relationship lines are drawn between displayed categories of security events and the displayed network elements in order to aid an analyst to visualize the impact of security breaches on the organization. Various other properties of the network elements may also be displayed such
- 10 as the role of the network device within the organization, and the business functions of the organization.